

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:****1-29 (Canceled)**

30. **(Previously Presented)** An isolated polynucleotide encoding a polypeptide selected from the group consisting of:

- a) an amino acid sequence of SEQ ID NO:2, and
- b) a fragment of an amino acid sequence of SEQ ID NO:2, wherein said fragment has kinase activity.

31. **(Previously Presented)** An isolated polynucleotide of claim 30 which encodes a polypeptide comprising the amino acid sequence of SEQ ID NO:2.

32. **(Previously Presented)** An isolated polynucleotide of claim 30 which encodes a polypeptide comprising a fragment of an amino acid sequence of SEQ ID NO:2, wherein said fragment has kinase activity.

33. **(Previously Presented)** A recombinant polynucleotide comprising a promoter sequence operably linked to a polynucleotide of claim 30.

34. **(Previously Presented)** A cell transformed with a recombinant polynucleotide of claim 33.

35. **(Previously Presented)** A method for producing a polypeptide encoded by the polynucleotide of claim 30, the method comprising:

- a) culturing a cell under conditions suitable for expression of the polypeptide, wherein said cell is transformed with a recombinant polynucleotide, and said recombinant

polynucleotide comprises a promoter sequence operably linked to a polynucleotide of claim 30, and

- b) recovering the polypeptide so expressed.

**36-42 (Cancelled)**